Flight

WEPS 14X-15

Mission

Introduce basic weapons flying

Flight Brief

- **QOD**
  - NATOPS
  - EP
  - SOP

- **WEP-14X:**
  - **Safety requirements for forward firing ordnance**
  - **Ricochet dangers (jinking)**
  - **Emergencies**
- **WEP-15:**
  - **FTI safety precautions**

Flight Brief

- **Introduce**
  - **CCIP bomb 10-degree/30-degree (WEP-14X)**
- **Practice**
  - **Weapons preflight**
  - **Target procedures**
  - **Armament system management**
  - **10-degree bombs**
  - **Strafe**
  - **30-degree rockets (if done)**
  - **CCIP bomb 10-degree/30-degree (WEP-15)**
  - **Roll-in**
  - **Tracking/dive angle**
  - **Error corrections / *Limitations***
  - **Release/firing parameters**
  - **Dive recovery**
  - **Pattern interval**
  - **Communications**
  - **Rendezvous**
  - **Hung ordnance checks**
  - **Hung ordnance approach (if flown)**
  - **Roll-and-go, F/F (WEP-14X)**
  - **Landing(s)**
  - **Accuracy**
  - **Bets**

Notes

Note 7: Students must fly at least seven off-target rendezvous during weapons syllabus.

Note 8: Circular Error Probability (CEP) on WEP flights shall be graded as follows:

Average CEP for WEP-09 through 15 is 100-200 ft.

A CEP of <200 ft must be achieved on one of the following flights: WEP-11, 12, or 13. Failure to do so will result in a flight down (unsatisfactory).

Grading criteria may be modified by Squadron CO/Det OIC for adverse weather conditions.

Note 9: A Weapon "E" may be awarded for a CEP of 75 ft or less with at least 4 bombs dropped.

Note 10: A minimum of four bombs delivered is required to complete each flight.

Note 11: Delivery of ordnance is required to complete a weapons flight

Note 14: 30-degree bombs must be dropped on at least 4 flights. The highest pattern available shall be flown in order to meet the individual curriculum requirements within the flight

Note 15: CCIP target tracking may be practiced on WEP-15 and flown only in the delivery mode and pattern as introduced on WEP-14X

Note 16: Jacket review required prior to check flights

ORM

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**
  - **Mission Specific**

TTO

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

ADMIN

- A/C - ATC C/S - Tactical C/S - Crew
- TIMES (Brief / Walk / Marshal / Takeoff / Land)
- ATC Clearance / IFF
- Area
- NUMBERS (Line / T/O / Abort / RPM)
- Comm Plan – Primary/ Tac
- Nav Plan
- LCLS
- Joker / Bingo

ADMIN

Launch

- Weather / NOTAMS / TFR / BASH
- Preflight / Start / Marshal / Taxi
- RadAlt Usage

Recovery

- Division Break
- Hung ordnance approach

Emergencies/Contingencies

Ground Emergencies

WX / Timing no-go

Fallout plan / Aborts / Ground ejection

Single Radio / NORDO / ICS Failure

System Failures

Lame Duck / Rejoin plan

Lost Sight / Lost Interval

SIMO run

Tactical Abort criteria:

1. Break X run in
2. LAW angle
3. SIMO run "abort"
4. WARN/CAUT
5. +/- 15° off
6. +/- 5° dive
7. Called
8. Safety of flight

TGT fixation

Overstress / Low pullout

Control problems in dive

Ejection / Min ejection altitudes:

- 30° dive: 650 AGL
- 20° dive: 450 AGL
- 10° dive: 200 AGL

Loss of NAVAIDS

UNDERRUN

Birdstrike / Midair

Ejection

SAR procedures

Hung ordnance

ORM / TTO